

Figure 1

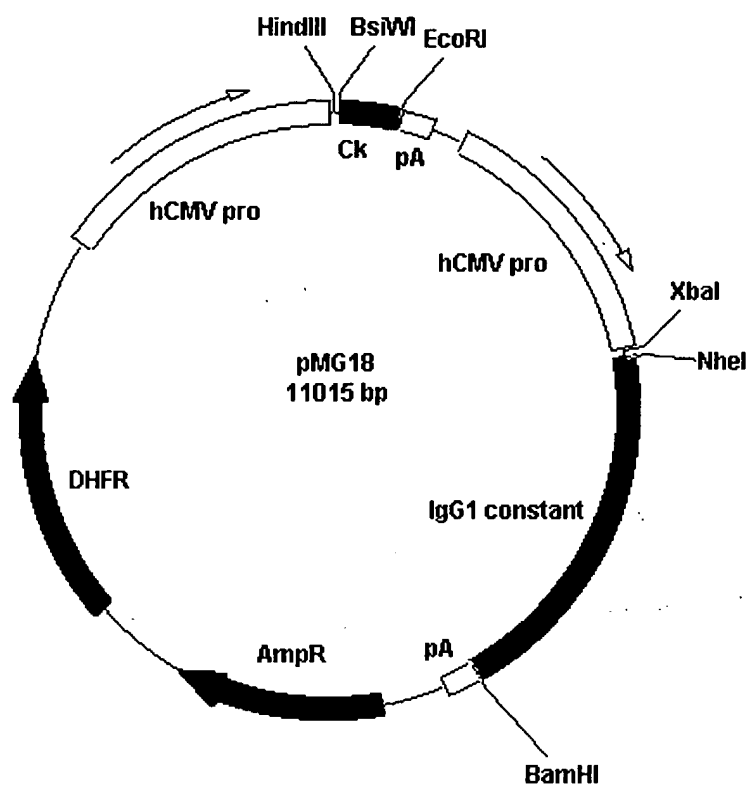


Figure 2

Heavy chain

	1	10	20	30	40	50
mSM5-1VH	EVQLQQSGPELVKPGASVKMSCKASGYTFT	[SYVMH]	WVKQKPGQGLDWIG	[Y		
KOL	QVQLVESGGGVVQPGRSLRLSCSSSGFIFS	[SYAMY]	WVRQAPGKGLEWVA	[I		
ReSMVH	-----Q-----	-----KA--YT-T	[--V-H]	-----IG	[Y	

	a	60	70	80	a b c	90
mSM5-1VH	IVPYNDGTKYNEKFKG]	KATLTSDKSSSTAYMELSRLTSEDS	SAVYYCVY	[GS		
KOL	IWDDGSDQHYADSVKG]	RFTISRDNKNTLFLQMDSLRPEDT	GVYFCAR	[DG		
ReSMVH	-VPYNDGTK-NEKF--]	-----S-K--S-A-----	A--y---	[GS		

	100 a b	110
mSM5-1VH	RYDWYL	DV]WGAGTTVTVSS
KOL	GHGFCSSASCFGPDY]	WGQGTPTVTVSS
ReSMVH	RYDWYL	--]-----

Light chain

	1	10	20	30	40
mSM5-1VL	NIMMTQSPSSSLAVSAGEKVTMSC	[KSSQSVLYSSNQKNYLA]	WYQQKPGQSP		
REI	DIQMTQSPSSLSASVGDRVTITC	[QASQDI IK	YLN]	WYQQTPGKAP	
ReSMVL	N-M-----	[KS--SVLYSSNQKN--A]	-----		

	50	60	70	80	90
mSM5-1VL	KLLIY	[WASTRES]	GVPDRFTGSGSGTDFTLTIS	SVQAEDLAVYYC	[HQYFSS
REI	KLLIY	[EASNLQA]	GVPSRFGSGSGTDYFTTIS	SLQPEDIATYYC	[QQYQSL
ReSMVL	-----	[W--TRES]	-----	[H--F-S	

	100
mSM5-1VL	YT]FGGGTKLEIKR
REI	PYT]FGQGTKLQITR
ReSMVL	--]-----

Figure 3

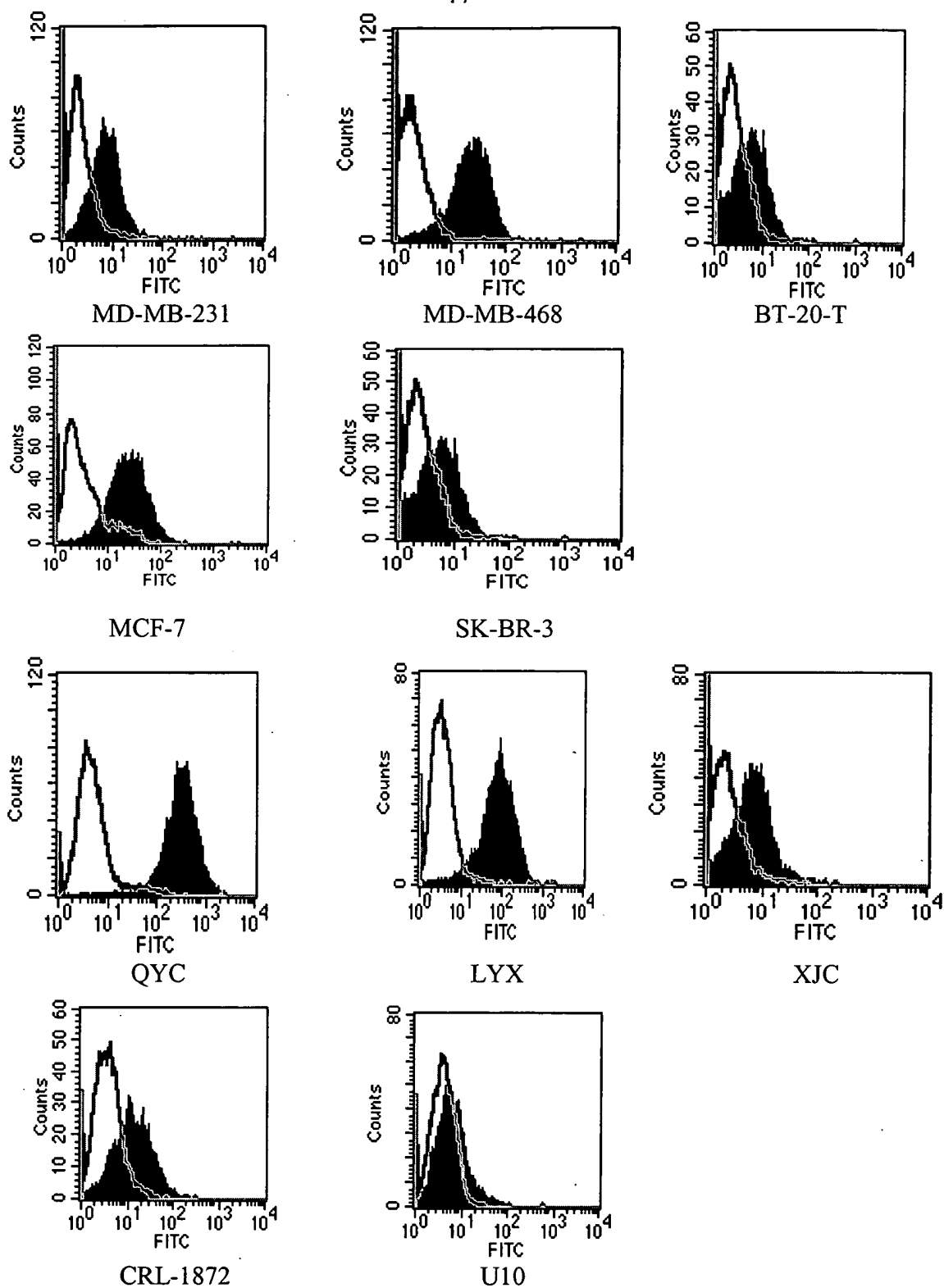


Figure 4
Western Blots

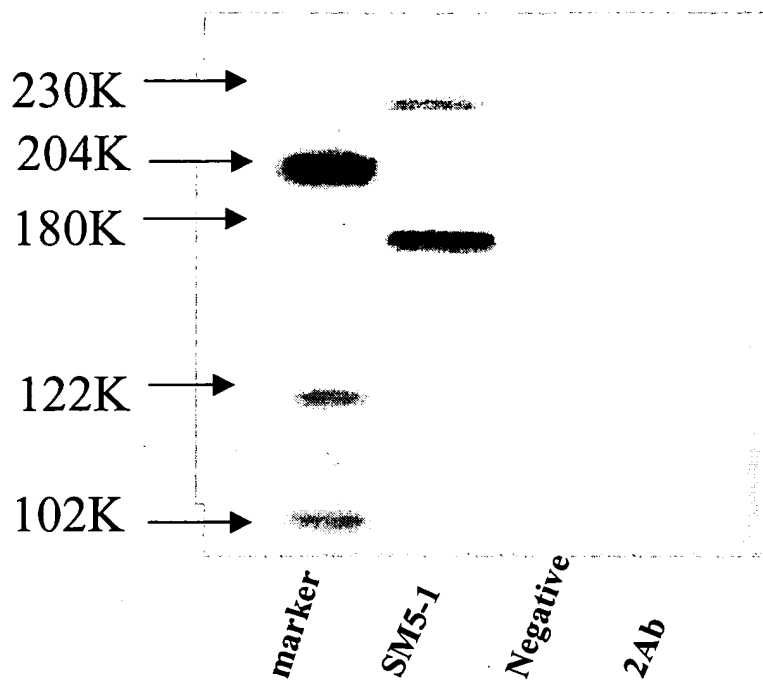


Figure 5

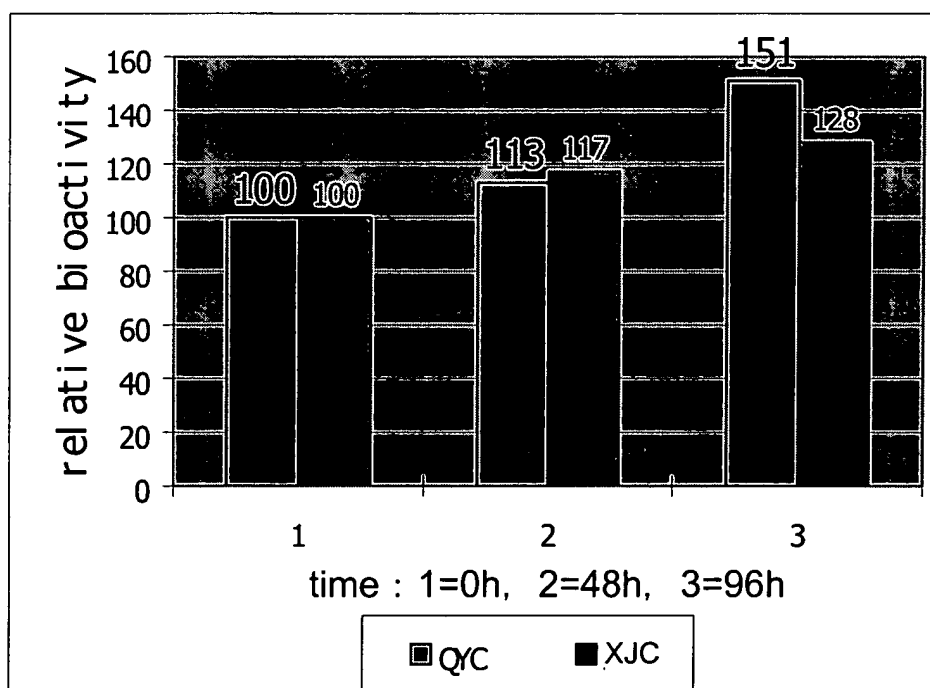


Figure 6

$$Y = (1.34 - 0.878) / (1 + (X/145)^{1.4}) + 0.878$$

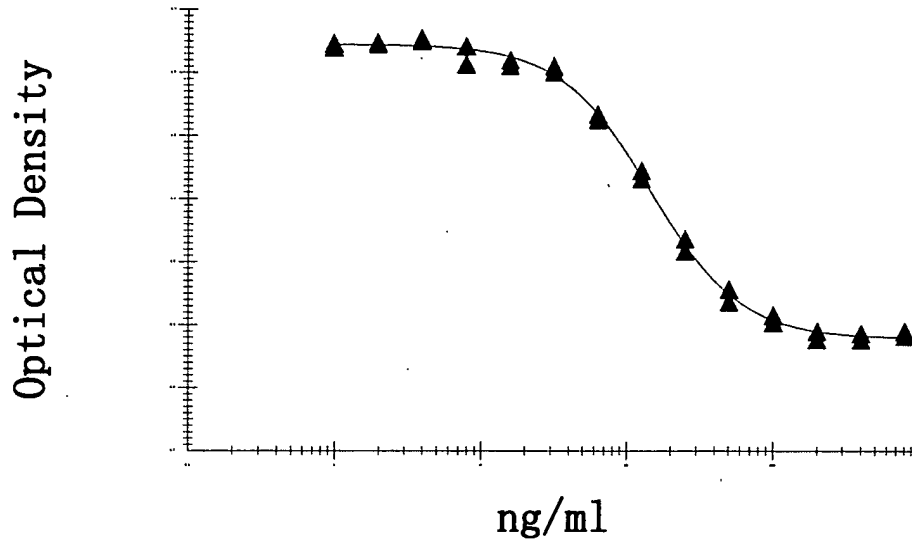


Figure 7

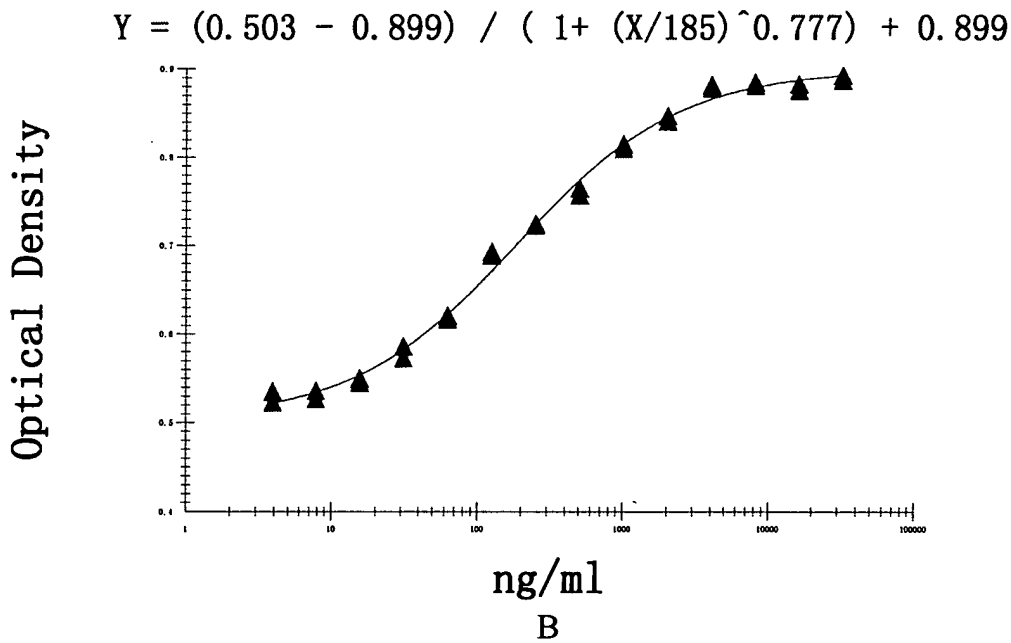
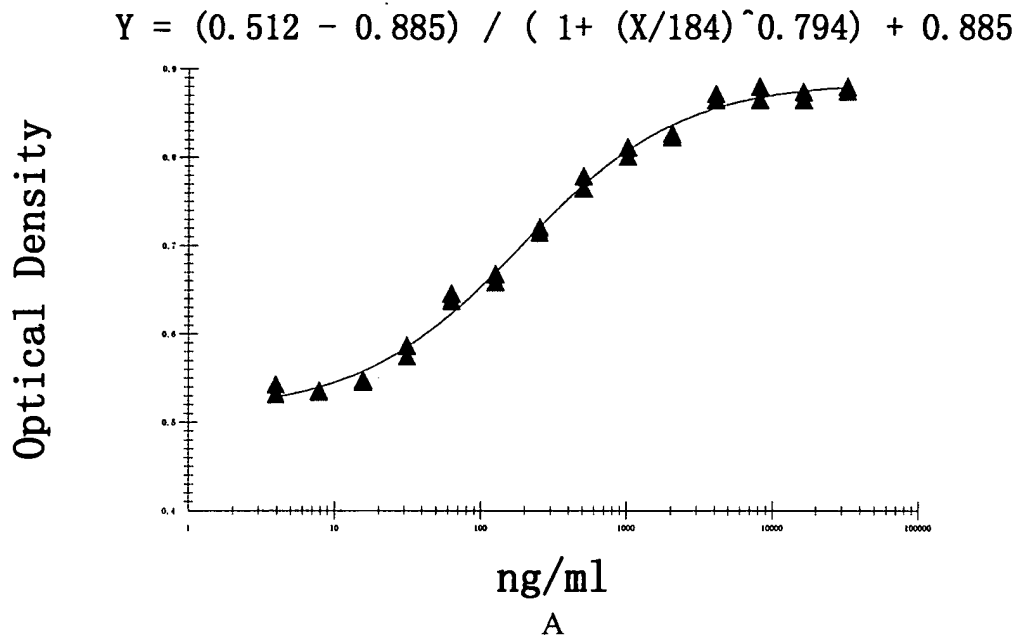
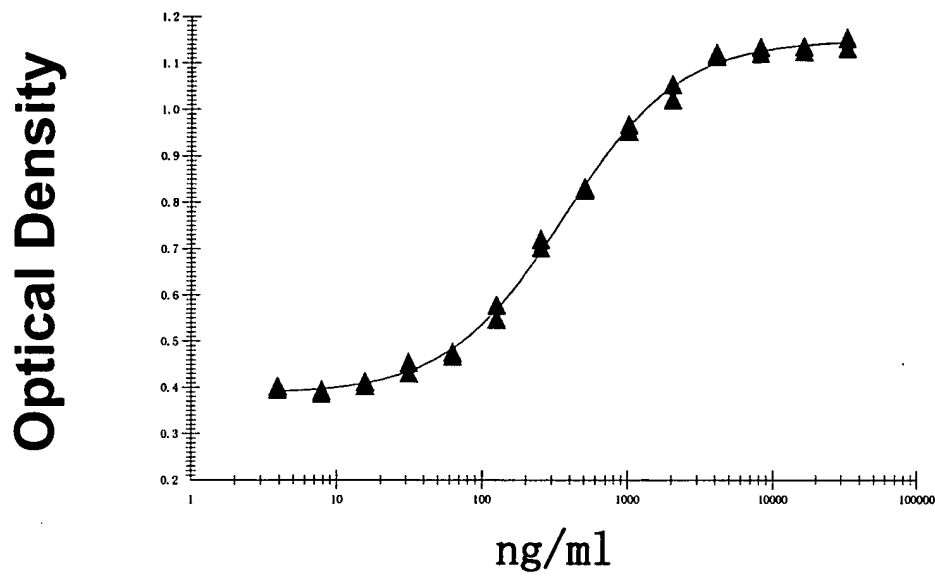


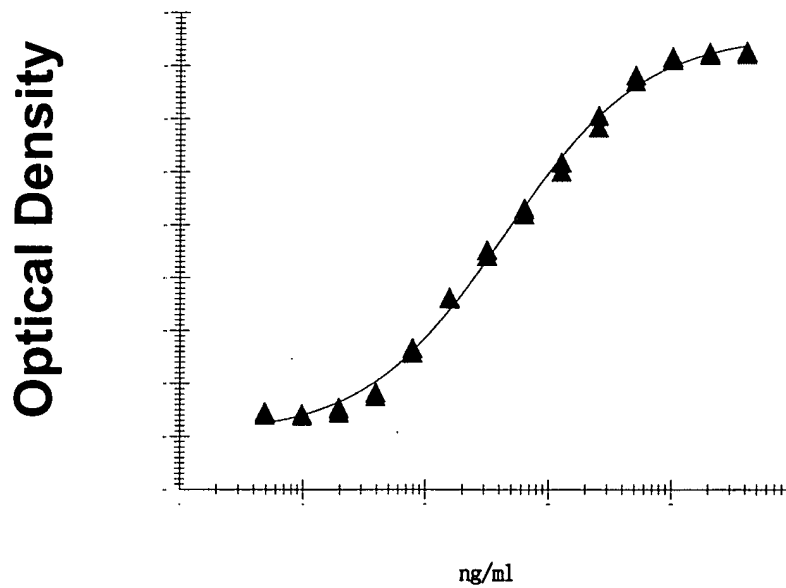
Figure 8

$$Y = (0.386 - 1.15) / (1 + (X/358)^{1.1}) + 1.15$$



A

$$Y = (0.402 - 1.16) / (1 + (X/432)^{0.775}) + 1.16$$



B

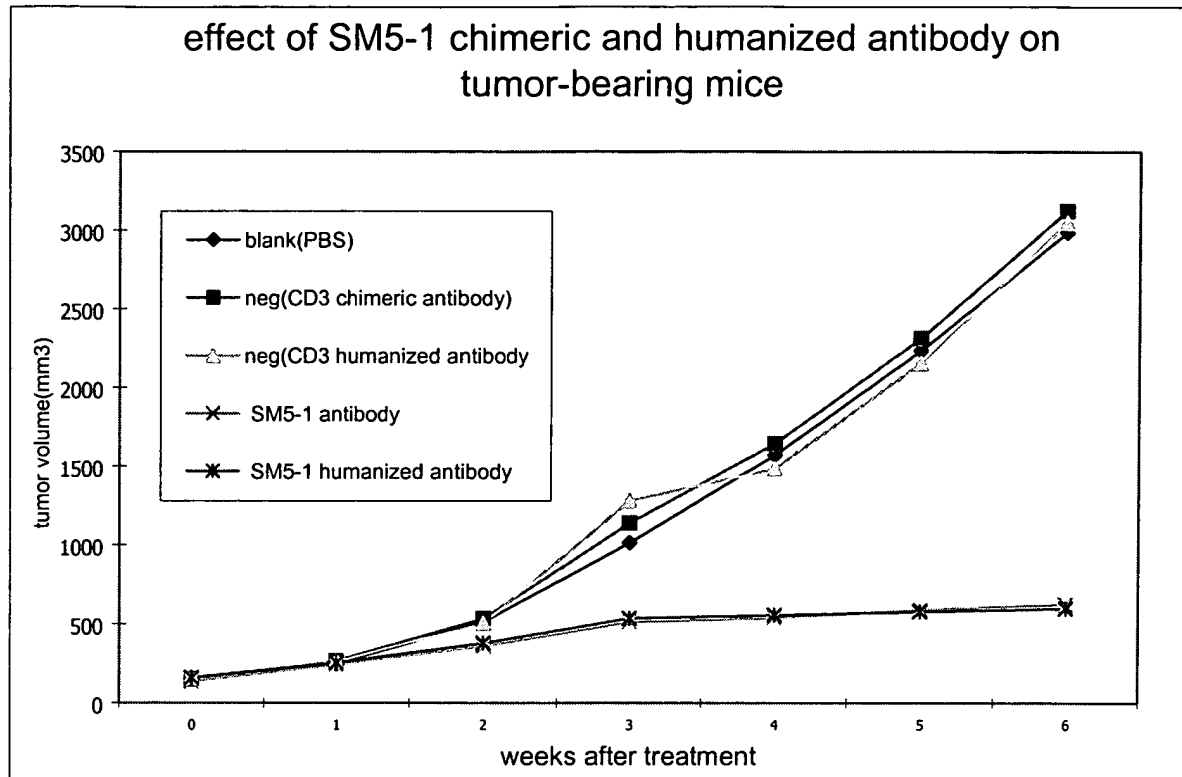
Figure 9

Figure 10